

ABSTRACT OF THE DISCLOSURE

A video encoding apparatus comprising a feature
amount computation section which divides an input video
signal into a plurality of scenes each comprising at
5 least one temporally-continuous frame, and compute a
statistical feature amount for each scene, an encoding
parameter generator section which generates an encoding
parameter for each scene based on the statistical
feature amount, a number-of-generated-bits prediction
10 section which predicts the number of bits to be
generated when the input video signal is encoded using
the encoding parameter, an encoding parameter
correcting section which corrects the encoding
parameter based on a result of the prediction of the
15 number of generated bits, an encoder section which
encodes the input video signal using the corrected
encoding parameter.

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